

**THE EMBODIMENTS OF THE INVENTION IN WHICH AN EXCLUSIVE
PROPERTY OR PRIVILEGE IS CLAIMED ARE DEFINED AS FOLLOWS:**

- 5 1. A sanitation system for a refrigerated fixture,
comprising:
a spray manifold positioned in a case tank of a
refrigerated fixture;
a reservoir adapted to contain disinfectant;
10 a pump adapted to pump disinfectant from the reservoir
through the spray manifold, whereby disinfectant is sprayed
into the case tank;
a controller connected to the pump and adapted to
control the frequency and duration of the spray through the
15 spray manifold.
2. The sanitation system as defined in Claim 1, wherein the
disinfectant is a quaternary ammonium.
- 20 3. The sanitation system as defined in Claim 1, wherein water
is supplied to the pump via a water supply line and a
metering valve is used to combine desired proportions of
water and disinfectant.
- 25 4. The sanitation system as defined in Claim 3, wherein a
filter is provided on the water supply line to filter out
contaminants.
- 30 5. The sanitation system as defined in Claim 1, wherein a one
way valve is positioned on the water supply line to prevent
backflow.
- 35 6. The sanitation system as defined in Claim 1, wherein a one
way valve is disposed between the reservoir and the pump to
prevent backflow.

7. The sanitation system as defined in Claim 1, wherein the pump and the controller are positioned on a panel.

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8. The sanitation system as defined in Claim 1, wherein a flow regulator is used to maintain a constant flow rate.

9. The sanitation system as defined in Claim 1, wherein a metering valve is used to ensure a consistent injection of disinfectant.

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